

What is claimed is:

1. A compiler system for compiling a first program into a second program, comprising:
- 5 a converter converting a part of the first program into a procedure call and generating the second program;
- a generator generating a code describing a definition of a procedure to be called by the procedure call; and
- 10 an outputting unit outputting the second program and the code generated by said generator.
2. The compiler system according to claim 1, further comprising a detector which detects a predetermined
- 15 particular pattern from the first program, wherein said converter converts the pattern detected by said detector into a procedure call corresponding to the pattern.
- 20 3. The compiler system according to claim 2, wherein said detector detects a call for calling a built-in procedure from the first program.
4. The compiler system according to claim 2, wherein
- 25 when said detection detects a plurality of

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identical patterns from the first program, said converter converts the plurality of patterns into a same procedure call.

- 5 5. A compiler system for receiving a first file containing one or more programs, compiling the one or more programs, and outputting a second file containing the one or more compiled programs, comprising:
- 10 a detector detecting a predetermined particular pattern from one or more programs contained in the first file;
- a converter compiling the one or more programs contained in the first file by converting the pattern detected by said detector into a procedure call
- 15 corresponding to the pattern;
- a generator generating a code describing a definition of a procedure to be called by the procedure call; and
- 20 an outputting unit outputting one or more programs compiled by said converter and a code generated by said generator, wherein
- when said detector detects a plurality of identical patterns from the first file, said converter converts the plurality of patterns into a same procedure call.

6. The compiler system according to claim 5, wherein said outputting unit outputs the code generated by said generator to the second file.

- 5 7. A compiler system for receiving a plurality of files each containing one or more programs, and compiling the programs contained in the received files, comprising:
- a detector detecting a predetermined particular pattern from the programs contained in the received
- 10 files;
- a converter compiling the programs contained in the received files by converting the pattern detected by said detector into a procedure call corresponding to the pattern;
- 15 a generator generating a code describing a definition of a procedure to be called by the procedure call; and
- an outputting unit outputting a program compiled by said converter and a code generated by said generator,
- 20 wherein
- when said detector detects a plurality of identical patterns from the plurality of received files, said converter converts the plurality of patterns into a same procedure call.

8. A compiler system for compiling a first program into a second program, comprising:

converting means for converting a part of the first program into a procedure call and generating the second

5 program;

generating means for generating a code describing a definition of a procedure to be called by the procedure call; and

10 outputting means for outputting the second program and the code generated by said generating means.

9. A method for compiling a first program into a second program, comprising:

15 converting a part of the first program into a procedure call and generating the second program;

generating a code describing a definition of a procedure to be called by the procedure call; and

20 outputting the second program and the generated code.

10. A computer-readable storage medium for storing a program used to direct a computer to compile a first program into a second program, said program comprising:

25 a program code for converting a part of the first program into a procedure call and generating the second

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program;

 a program code for generating a code describing
a definition of a procedure to be called by the procedure
call; and

- 5 a program code for outputting the second program
and the generated code.

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